Correction Correction

SE-Mech. III (CBSGS) P.P. I.

08/12/2014

QP Code :14632

[3 Hours]

[ Total Marks: 80

Hac			(O)
N.B. :	(2) Atte	estion No. 1 is compulsory.  Sompt any three questions from Q.No 2 to Q. No. 6.  questions carry equal marks.	
1.	(a)	classify various welding processes in detail. What is meant by blending and compacting in powder metallurgy? Compare transfer moulding and compression moulding processes. State the function of a riser.	5 5 5 5
2.	()	the following question:— What is the difference between a core and a core print? What are the typical application areas of powder metallurgy process? Describe injection moulding process for thermoplastics with a neat labeled sketch.	5 5 5
	(d)	a community a neat labelled sketch	5
3.	Attempt (a)	the following questions:— What is meant by solid state welding processes? List various solid state welding processes. Draw a neat labelled sketch of	5
	(1.)	solid state welding processes.	5
•	(c)	Describe lemination process for plastics with a neal labelled skelch	5
	(d)		5
4.	(a)	the follwoing questions:— Draw neat labelled sketches of the various types of cores used in sand casting?  Advantages	5
10	(b)	What is meant by a riser? State the functions of a riser.	5 5
39)	(c) (d)	What is included y a riser. State the What are the limitations of powder metallurgy processes over other competing processes?  Describe calendering process for plastics with a neat labelled sketch.	5
5. ngwish	(a)	the following questions:— Differentiate between MIG welding and TIG welding. What are the advantages of using a metal pattern? What is blending and compacting in powder metallurgy? Describe Ultrasonic Testing process with a neat labelled sketch.	5 5 5 5
6.	(a) (b)	How is swaging process carried out?	5 5
	(c) (d	1' t and indicat extension Alco	5

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